

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/527, 675A
Source: PLT
Date Processed by STIC: 03/03/2006

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 03/03/2006

PATENT APPLICATION: US/10/527,675A

TIME: 12:57:15

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\03032006\J527675A.raw

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3 <110> APPLICANT: NEUROGEN CORPORATION
4     Rajachandran, Lavanya
5     Beretta, Elena
6     Krause, James E
8 <120> TITLE OF INVENTION: METHODS FOR PREVENTING AND TREATING OBESITY IN PATIENTS WITH
MC4 RECEPTOR
9     MUTATIONS
11 <130> FILE REFERENCE: N02.2100PC
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/527,675A
C--> 13 <141> CURRENT FILING DATE: 2005-03-11
13 <150> PRIOR APPLICATION NUMBER: 60/413,321
14 <151> PRIOR FILING DATE: 2002-09-25
16 <160> NUMBER OF SEQ ID NOS: 1
18 <170> SOFTWARE: PatentIn version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 332
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo Sapiens
25 <400> SEQUENCE: 1
27 Met Val Asn Ser Thr His Arg Gly Met His Thr Ser Leu His Leu Trp
28 1          5          10          15
31 Asn Arg Ser Ser Tyr Arg Leu His Ser Asn Ala Ser Glu Ser Leu Gly
32          20          25          30
35 Lys Gly Tyr Ser Asp Gly Gly Cys Tyr Glu Gln Leu Phe Val Ser Pro
36          35          40          45
39 Glu Val Phe Val Thr Leu Gly Val Ile Ser Leu Leu Glu Asn Ile Leu
40          50          55          60
43 Val Ile Val Ala Ile Ala Lys Asn Lys Asn Leu His Ser Pro Met Tyr
44 65          70          75          80
47 Phe Phe Ile Cys Ser Leu Ala Val Ala Asp Met Leu Val Ser Val Ser
48          85          90          95
51 Asn Gly Ser Glu Thr Ile Val Ile Thr Leu Leu Asn Ser Thr Asp Thr
52          100         105         110
55 Asp Ala Gln Ser Phe Thr Val Asn Ile Asp Asn Val Ile Asp Ser Val
56          115         120         125
59 Ile Cys Ser Ser Leu Leu Ala Ser Ile Cys Ser Leu Leu Ser Ile Ala
60          130         135         140
63 Val Asp Arg Tyr Phe Thr Ile Phe Tyr Ala Leu Gln Tyr His Asn Ile
64 145         150         155         160
67 Met Thr Val Lys Arg Val Gly Ile Ser Ile Ser Cys Ile Trp Ala Ala
68          165         170         175
71 Cys Thr Val Ser Gly Ile Leu Phe Ile Ile Tyr Ser Asp Ser Ser Ala
72          180         185         190
75 Val Ile Ile Cys Leu Ile Thr Met Phe Phe Thr Met Leu Ala Leu Met

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76          195          200          205
79 Ala Ser Leu Tyr Val His Met Phe Leu Met Ala Arg Leu His Ile Lys
80          210          215          220
83 Arg Ile Ala Val Leu Pro Gly Thr Gly Ala Ile Arg Gln Gly Ala Asn
84 225          230          235          240
87 Met Lys Gly Ala Ile Thr Leu Thr Ile Leu Ile Gly Val Phe Val Val
88          245          250          255
91 Cys Trp Ala Pro Phe Phe Leu His Leu Ile Phe Tyr Ile Ser Cys Pro
92          260          265          270
95 Gln Asn Pro Tyr Cys Val Cys Phe Met Ser His Phe Asn Leu Tyr Leu
96          275          280          285
99 Ile Leu Ile Met Cys Asn Ser Ile Ile Asp Pro Leu Ile Tyr Ala Leu
100          290          295          300
103 Arg Ser Gln Glu Leu Arg Lys Thr Phe Lys Glu Ile Ile Cys Cys Tyr
104 305          310          315          320
107 Pro Leu Gly Gly Leu Cys Asp Leu Ser Ser Arg Tyr
108          325          330

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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 8

VERIFICATION SUMMARY

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date